

REMARKS

Claims 1-16 are pending in the present application. The Examiner has rejected claims 1, 4-11, 13 and 15-16. Reconsideration in view of the following arguments is kindly requested.

Claim Objections

The Examiner has objected to claims 2-3, 12 and 14 for containing minor claim language informalities. Applicants respectfully submit that the Amendment submitted on May 14, 2004 including amendments to claims 2, 12 and 14, which Applicants presume have been entered by the Examiner (and thus noted as “Previously Presented” herein) provides sufficient support for the subject matter objected to by the Examiner. Withdrawal of this objection is kindly requested.

Claim Rejections – 35 U.S.C. § 102

Claims 1, 4-6, 8, 10, 13 and 16 are rejected under 35 U.S.C. § 102(b) as being anticipated by LeBlanc et al (WO 98/10538). This rejection is respectfully traversed.

Applicants submit that LeBlanc fails to teach or disclose a method for detecting a multipath component of packet data comprising, at least: searching for a multipath component during an inactive period of a data transmission, including defining a dynamic acquisition search window having a time width which increases in portion to a time duration of the inactive period, as recited in claim 1.

LeBlanc discloses a wireless communications network including a base station 122 and a mobile station 140. The base station 122 may provide an extendable search window that the mobile station 140 may use to identify pilot signals transmitted from neighboring base stations. The process of searching pilot signals disclosed in LeBlanc may include capturing pilot signals of relevant base stations and their multipath finger signals which may also be captured in order to complete a location measurement sample. See page 26, lines 3-8 of LeBlanc. Applicants submit that nowhere does LeBlanc teach or disclose searching for a multipath component during an inactive period of

data transmission, including defining a dynamic acquisition search window having a time width which increases in proportion of a time duration of the inactive period, as recited in claim 1.

Applicants submit that increasing a search window size to detect pilot signals of base stations near the mobile station 140 is not the same as defining a dynamic acquisition search window having a time width which increases in proportion to a time duration of the inactive period, as recited in claim 1. Accordingly, Applicants submit that claim 1 and those claims dependent thereon are allowable over the prior art. Withdrawal of this rejection is kindly requested.

Regarding claims 10 and 13, Applicants submit that claims 10 and 13 contain subject matter somewhat similar to claim 1. Accordingly, for at least those reasons as stated above with regard to claim 1, Applicants submit that claims 10 and 13 and those claims dependent thereon, are also allowable over the prior art. Withdrawal of the rejection to these claims is kindly requested.

Claim Rejections – 35 U.S.C. § 103

Claims 7 and 9 are rejected under 35 U.S.C. § 103(a) as being unpatentable over LeBlanc in view of Bloebaum (USP 6,188,351), and claims 11 and 15 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over LeBlanc in view of McGuffin (USP 4,217,586). These rejections are respectfully traversed.

Applicants submit that claims 7, 9, 11 and 15, by virtue of their dependency on independent claims 1, 13 and 15, are distinguished over LeBlanc for at least the reasons stated above. Applicants submit that after a cursory review of the additional references Bloebaum and McGuffin, that neither of these references disclose the claim limitations of claims 7, 9, 11 or 15, or render them obvious. Withdrawal of the rejection to these claims is kindly requested.

CONCLUSION

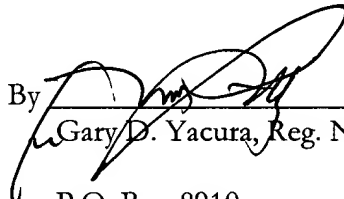
Accordingly, in view of the above remarks, reconsideration of the objections and rejections and allowance of each of claims 1-16 in connection with the present application is earnestly solicited.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Gary D. Yacura at the telephone number of the undersigned below.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKY, & PIERCE, P.L.C.

By  45,274

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